Service Document
Exchange Set

GDP 1100/1
GDP 1100/2

GRUNDIG

Service Manual
Sicherheit Safety
Materialnr./Part No. 720108000001

⚠ Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Materialnummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!

⚠ The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

Dieses Service Dokument ist nur in Datenform verfügbar
This Service Document is only available as data

Änderungen vorbehalten/Subject to alteration

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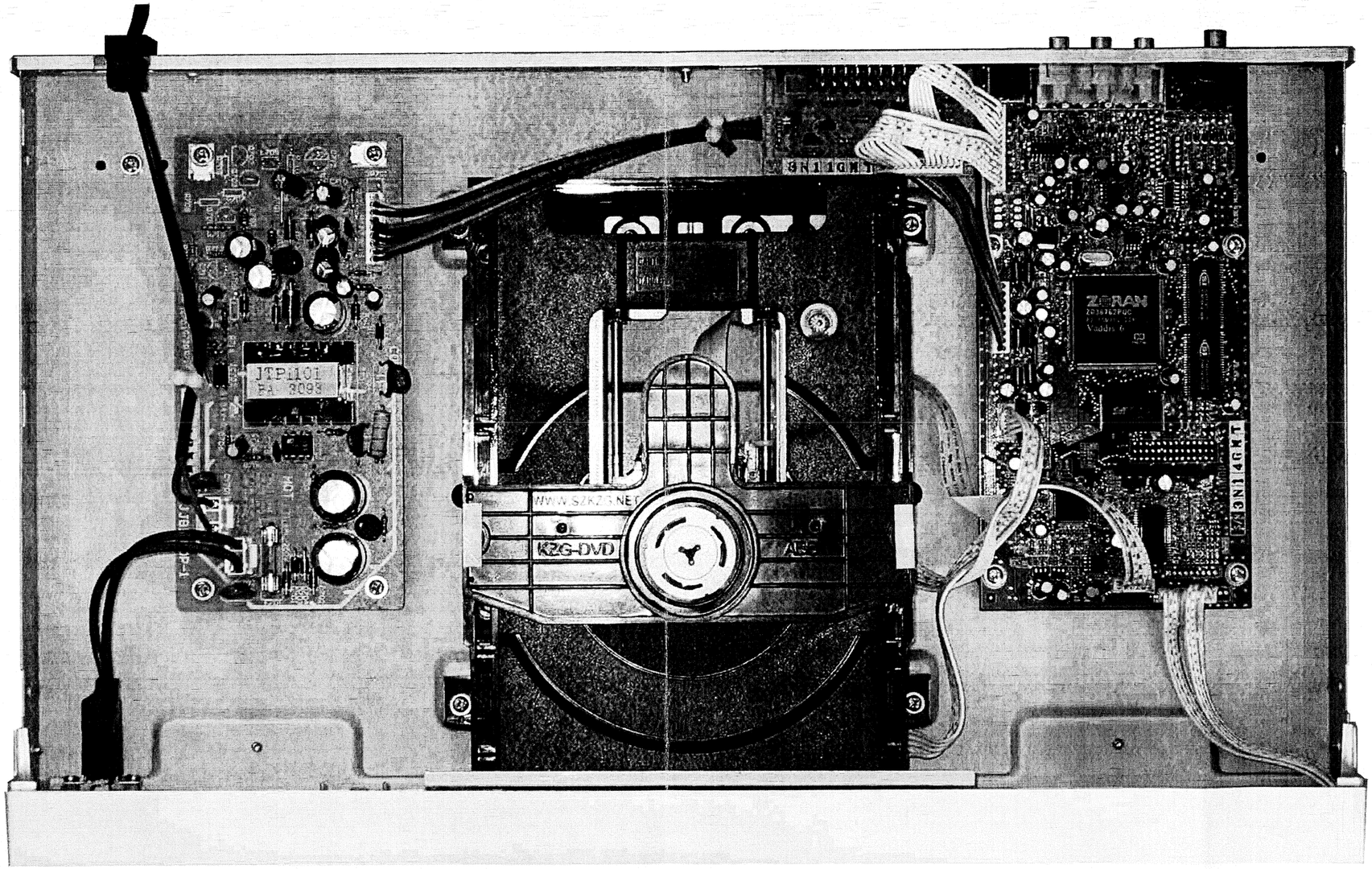
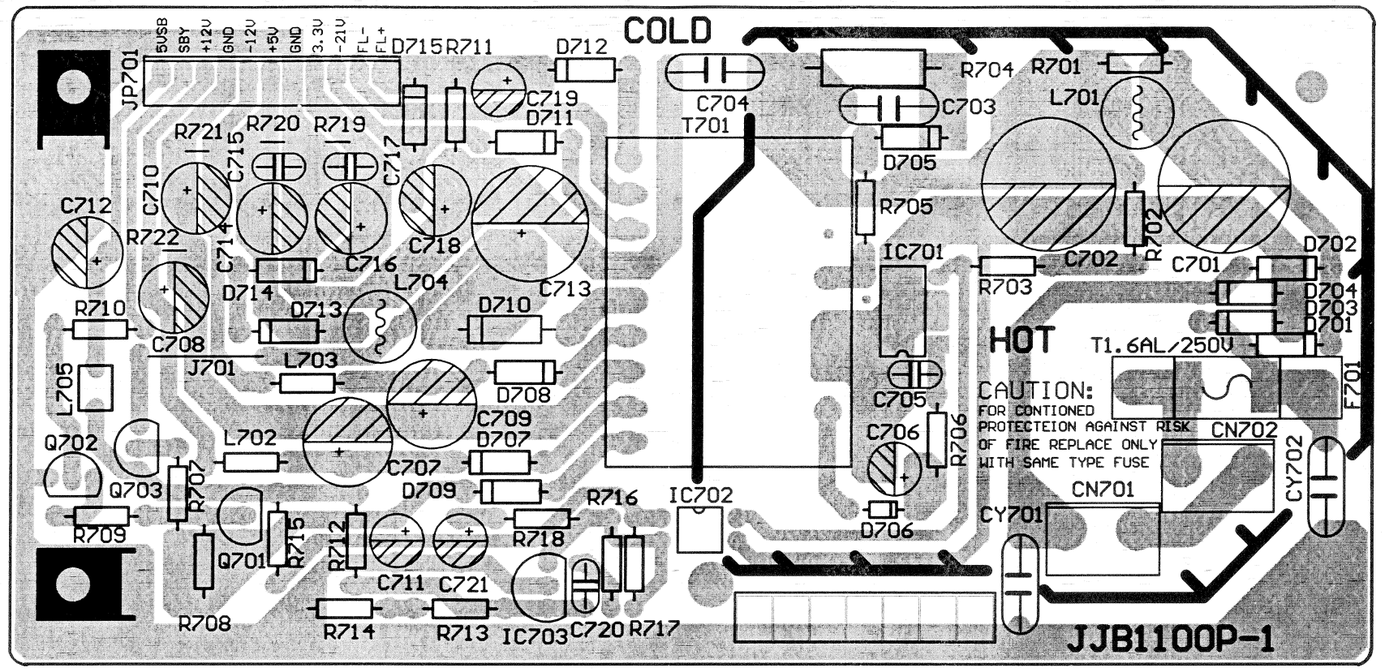
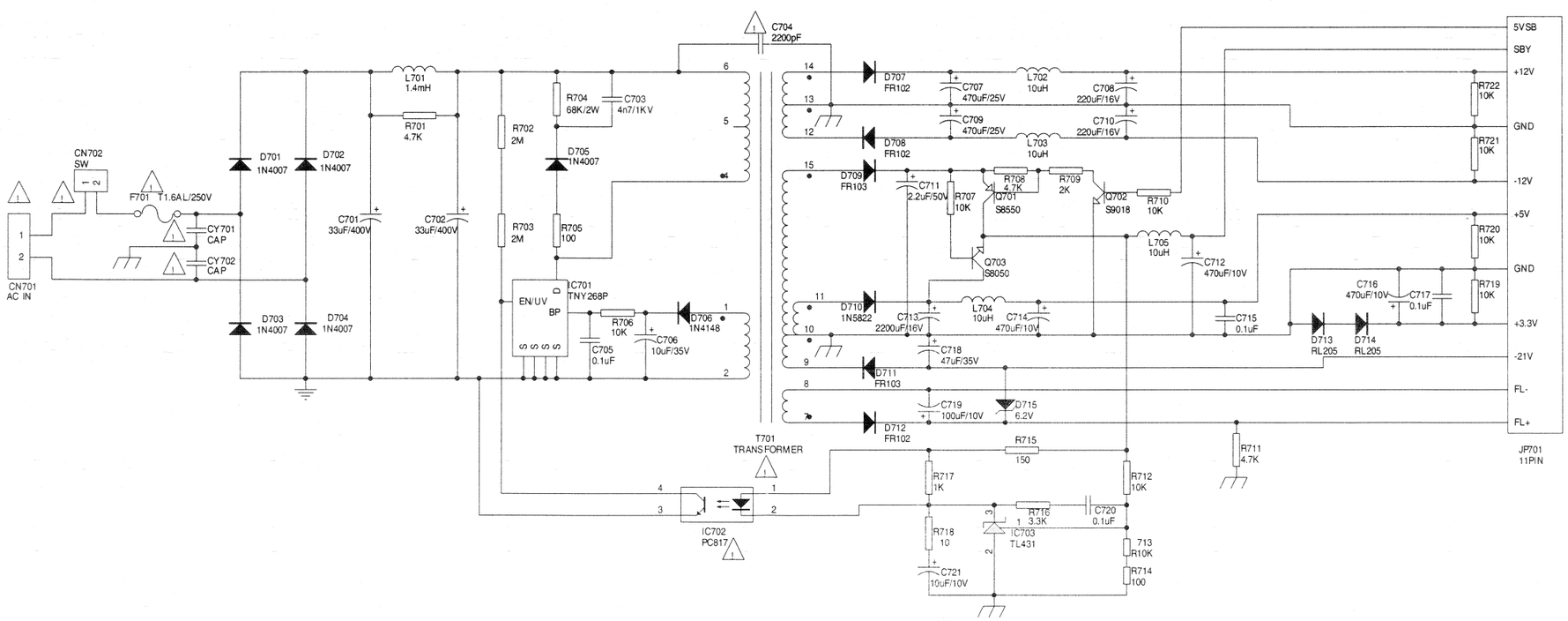
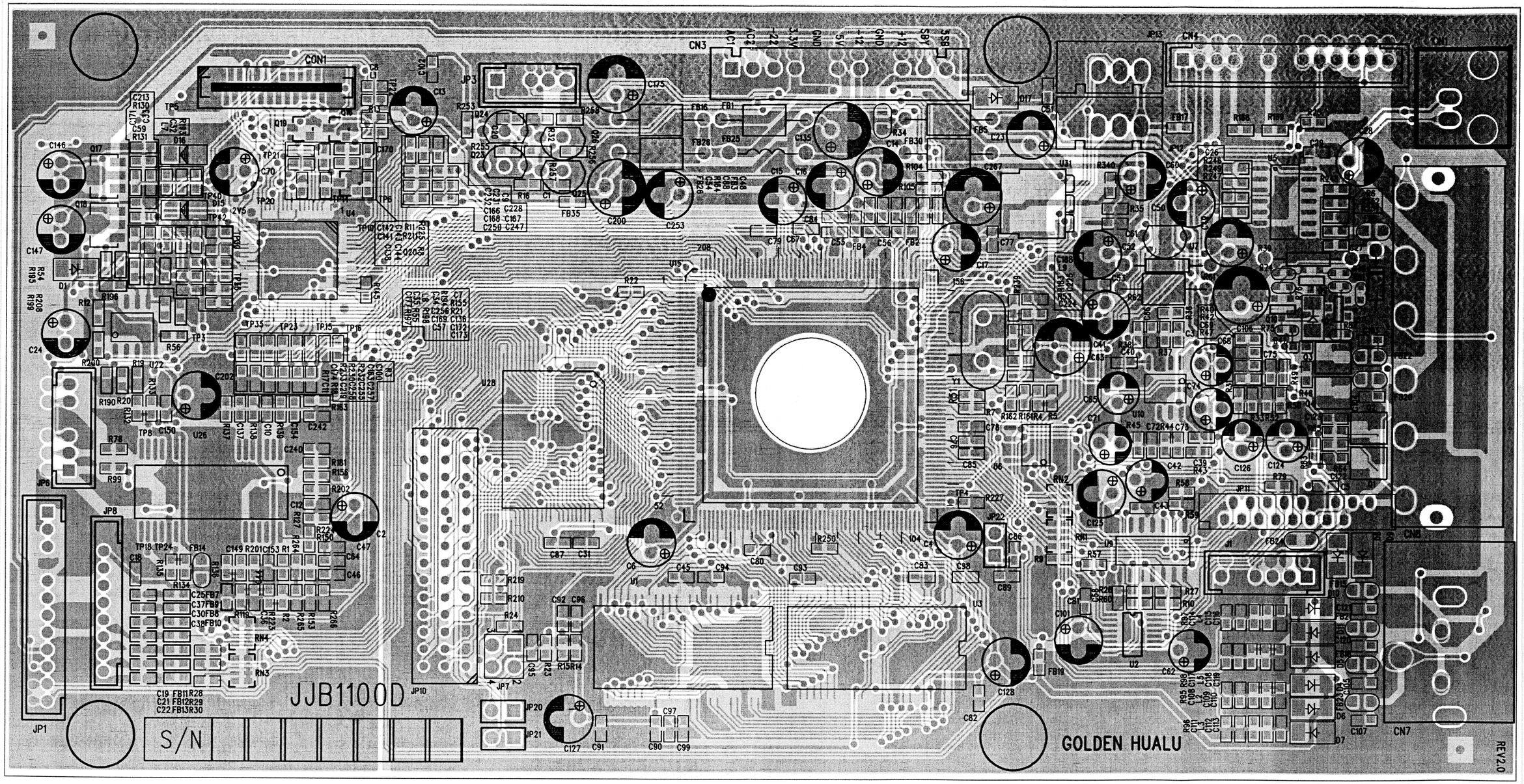
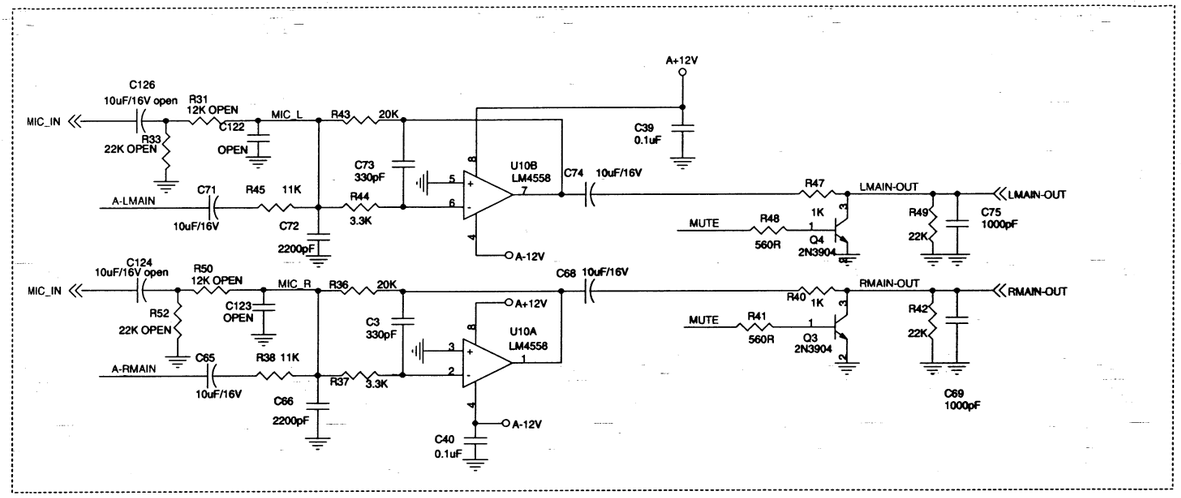
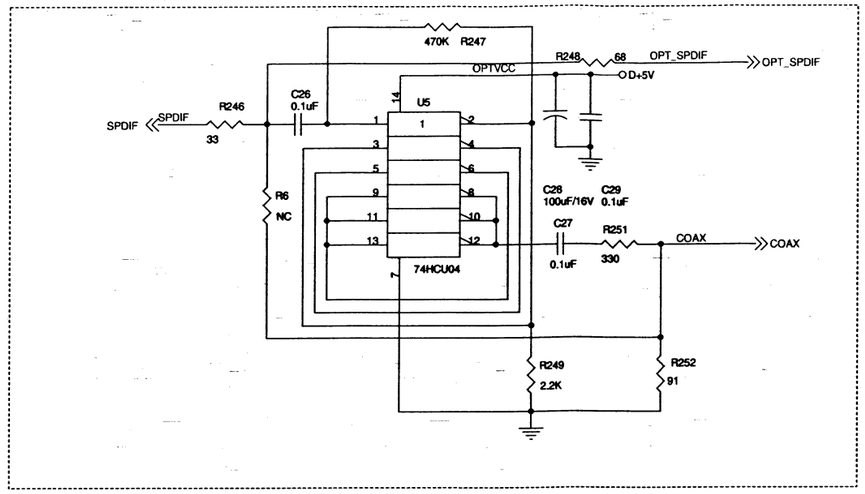

JTP1101
ZORAN
KZG-DVD

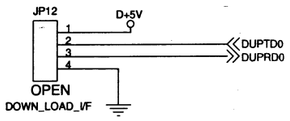

COLD
HOT
JJB1100P-1
JP701
5VSB
SBY
+12V
GND
-12V
+5V
GND
3.3V
-21V
FL-
FL+
T701
IC701
IC702
IC703
CN701
CN702
CY701
CY702
F701
T1.6AL/250V
CAUTION:
FOR CONTIONED
PROTECTEION AGAINST RISK
OF FIRE REPLACE ONLY
WITH SAME TYPE FUSE

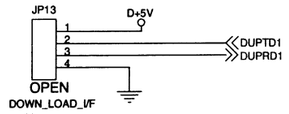

CN702
SW
F701 T1.6AL/250V
CY701 CAP
CY702 CAP
CN701
AC IN
D701 1N4007
D702 1N4007
D703 1N4007
D704 1N4007
L701 1.4mH
R701 4.7K
R702 2M
R703 2M
R704 68K/2W
C703 4n7/1KV
D705 1N4007
R705 100
C701 33uF/400V
C702 33uF/400V
IC701 TNY268P
EN/UV
BP
R706 10K
C705 0.1uF
C706 10uF/35V
D706 1N4148
C704 2200pF
T701 TRANSFORMER
IC702 PC817
D707 FR102
D708 FR102
D709 FR103
D710 1N5822
D711 FR103
D712 FR102
C707 470uF/25V
C709 470uF/25V
C708 220uF/16V
C710 220uF/16V
L702 10uH
L703 10uH
L704 10uH
L705 10uH
C711 2.2uF/50V
R707 10K
R708 4.7K
Q701 S8550
R709 2K
Q702 S9018
R710 10K
Q703 S8050
C712 470uF/10V
C713 2200uF/16V
C714 470uF/10V
C715 0.1uF
C716 470uF/10V
C717 0.1uF
C718 47uF/35V
C719 100uF/10V
D715 6.2V
R715 150
R711 4.7K
D713 RL205
D714 RL205
R717 1K
R716 3.3K
C720 0.1uF
R718 10
C721 10uF/10V
IC703 TL431
R712 10K
713 R10K
R714 100
R722 10K
R721 10K
R720 10K
R719 10K
5VSB
SBY
+12V
GND
-12V
+5V
GND
+3.3V
-21V
FL-
FL+
JP701 11PIN

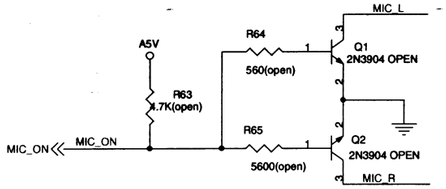

CON1
CN3
JP3
JP13
CN4
CN1
JJB1100D
S/N
GOLDEN HUALU
REV2.0
JP1
JP6
JP8
JP10
CN5
CN7

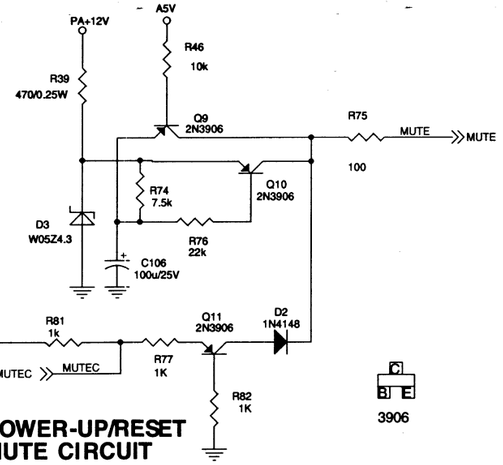


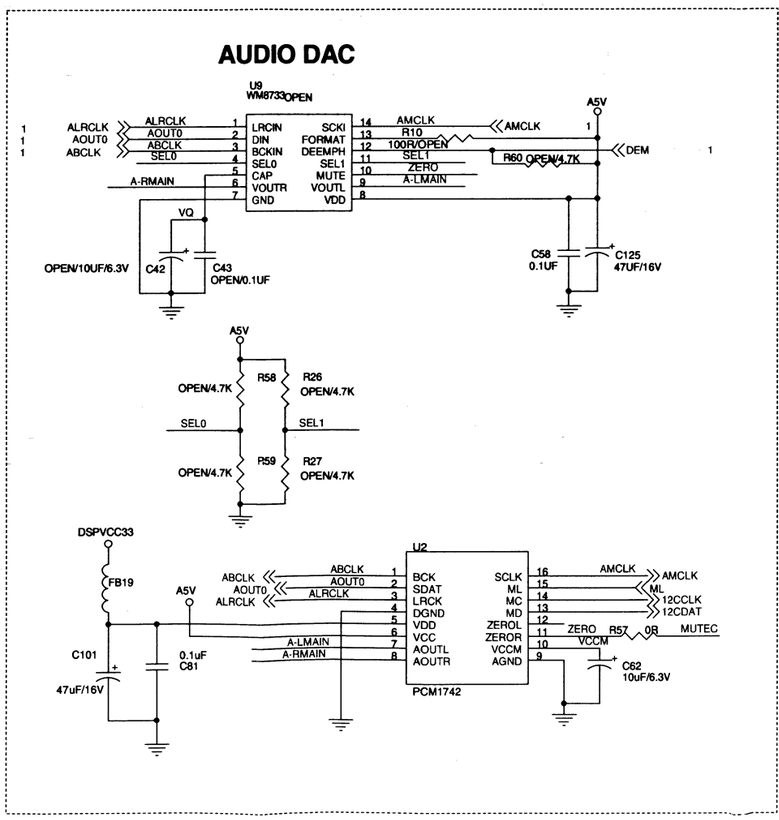


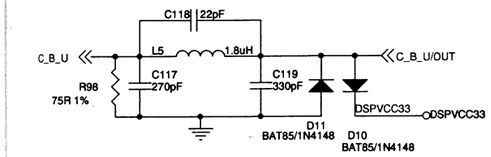


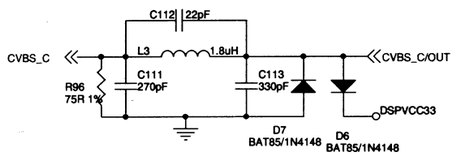


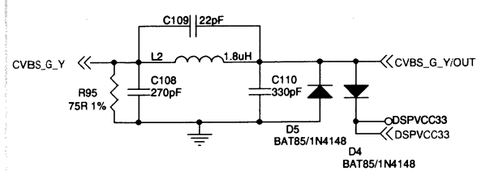


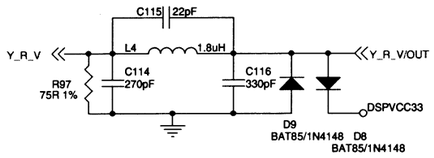


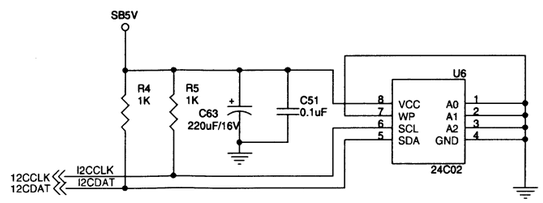












VIDEO POST FILTER CIRCUIT (FOUR FILTERS)

VR_SEL Logic:
CD=LOW
DVD=HIGH

CD/DVD_SW Logic:
CD=HIGH
DVD=LOW

ZR36707

U26
BA5954

GRUNDIG

GDP 1100_.

ZR36762

U15

TP3

DSPVCC18
DSPVCC33
VGND

CTL3 CTL2 SPDL_SENS DEFECT MIRR
FPC_DOUT FPC_CLK IRRCV FPC_STB
R30 33R/OPEN
R29 33R/OPEN

C54 0.1uF C14 100uF/16V
C55 0.1uF C15 100uF/16V
C56 0.1uF C16 100uF/16V
FB4 FB26 FB2 FBR
DSPVCC33
FB3 FBR
C48 0.1uF C17 100uF/16V
C_B_U Y_R_V CVBS_C CVBS_G_Y

C188 220pF/OPEN
L9 2.7uH/OPEN
C225 22pF
Y1 27.000MHz
C224 22pF
R239 150
R183 100K
R53 100R
OSCIN
OSCOUT
L9,C188 OPEN

CTL1 MEMCS1-
R28 33R/OPEN

MEMWR-
MEMRD-
MEMCS0-
MEMD[15:0]
MEMD[20:0]

DSPVCC33
R14 OPEN/4.7K
R15 OPEN/4.7K

JP20,JP21 settings:
1) play mode : all Jumps off
2) download mode : place R15
3)debug mode: place R14

TP4
JP22 OPEN
CN2.54MM2P-M(NMI button)
R227 4.7K

TP22
VR_SEL

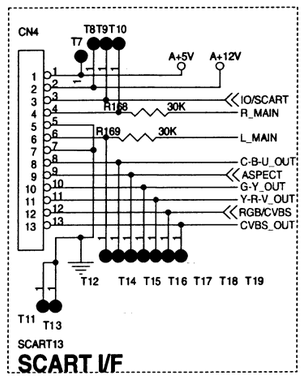
DUPTD1 DUPRD1
DUPTD0 DUPRD0
OPEN OUTSW CLOSE INSW DRVSB
OSCIN OSCOUT
RESET-
R22 4.7K
HOMESW LDON RGB/CVBS
R25 33R
R79 33R ML
R162 33 I2CCLK
R161 33 I2CDAT
ML I2CCLK I2CDAT
R51 33R/OPEN
R7 33R
R9 OPEN/33R
MUTEC IO/SCART DEM
RN2 33R X4
CTL_MODE ASPECT AOUT1 AOUT2
RN1 33R X4
AMCLK ABCLK ALRCLK AOUT0
SPDIF MIC_ON

D1 1N4148
R200 10K
R12 10K
C24 22uF/16V
R20 100
R19 10K
R190 10K
U22A
TL3472
WATCHDOG
RESET-

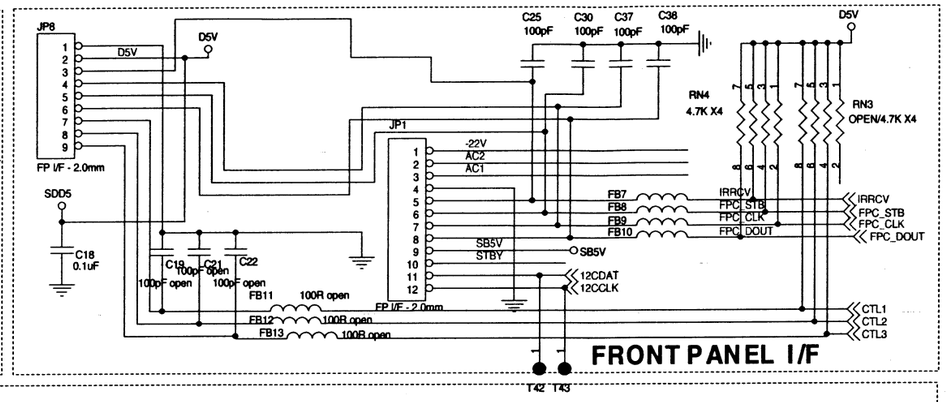
R9 Assemble when use WM8733

U1
U3
K4S161622C-TC/L70
SDRAM speed <=7ns

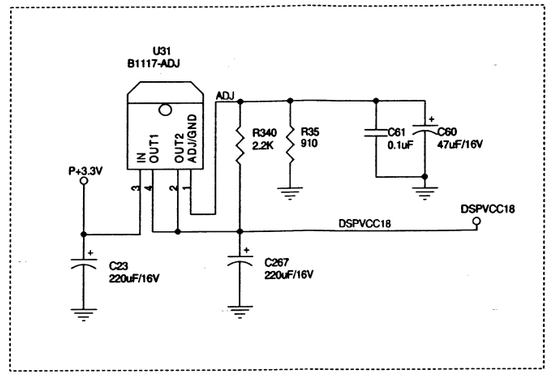
C82 C86 C87 C88 C89 C90 C91 C92 0.1uF
C4 47uF/16V
C76 C77 C78 C79 C80 0.1uF
C128 47uF/16V
C93 0.1uF
C127 47uF/16V
C83 C84 C85 C94 C95 C96 C97 C98 0.1uF
C99 0.1uF

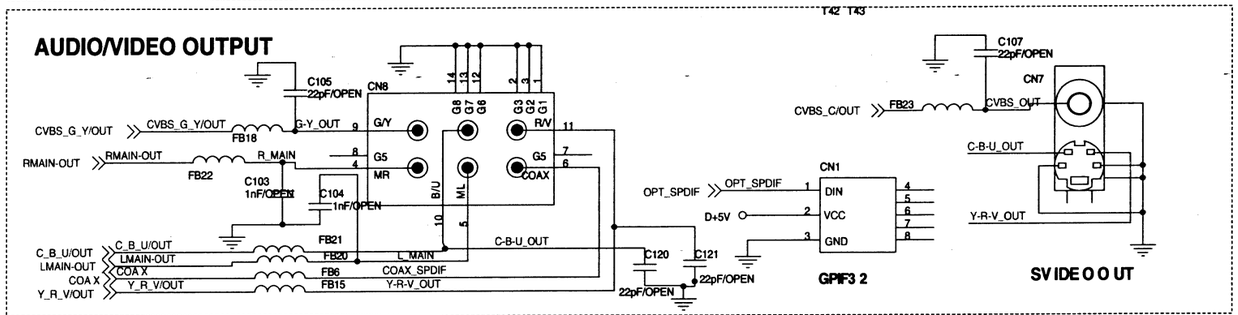


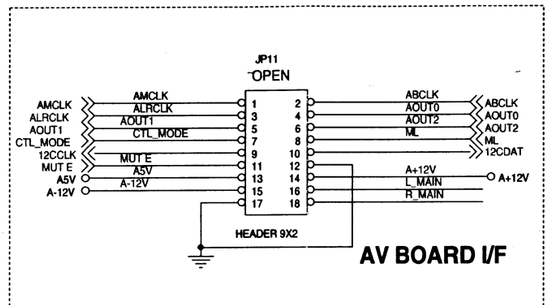
SCART I/F



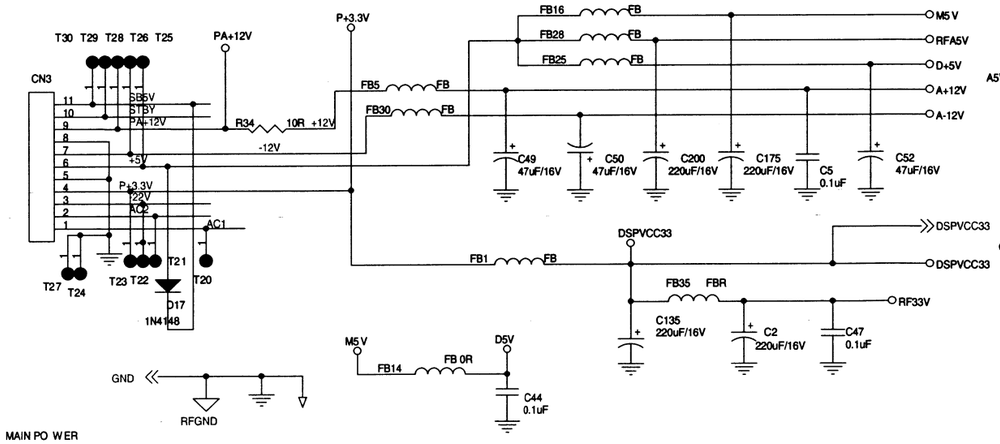
FRONT PANEL I/F

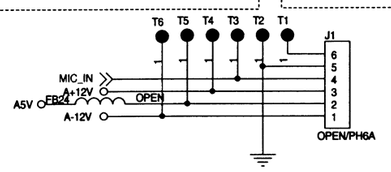


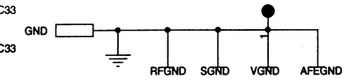


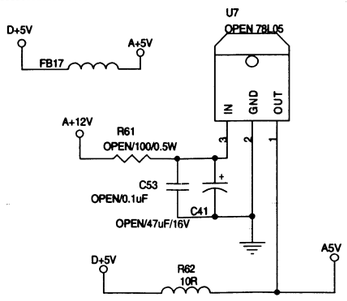


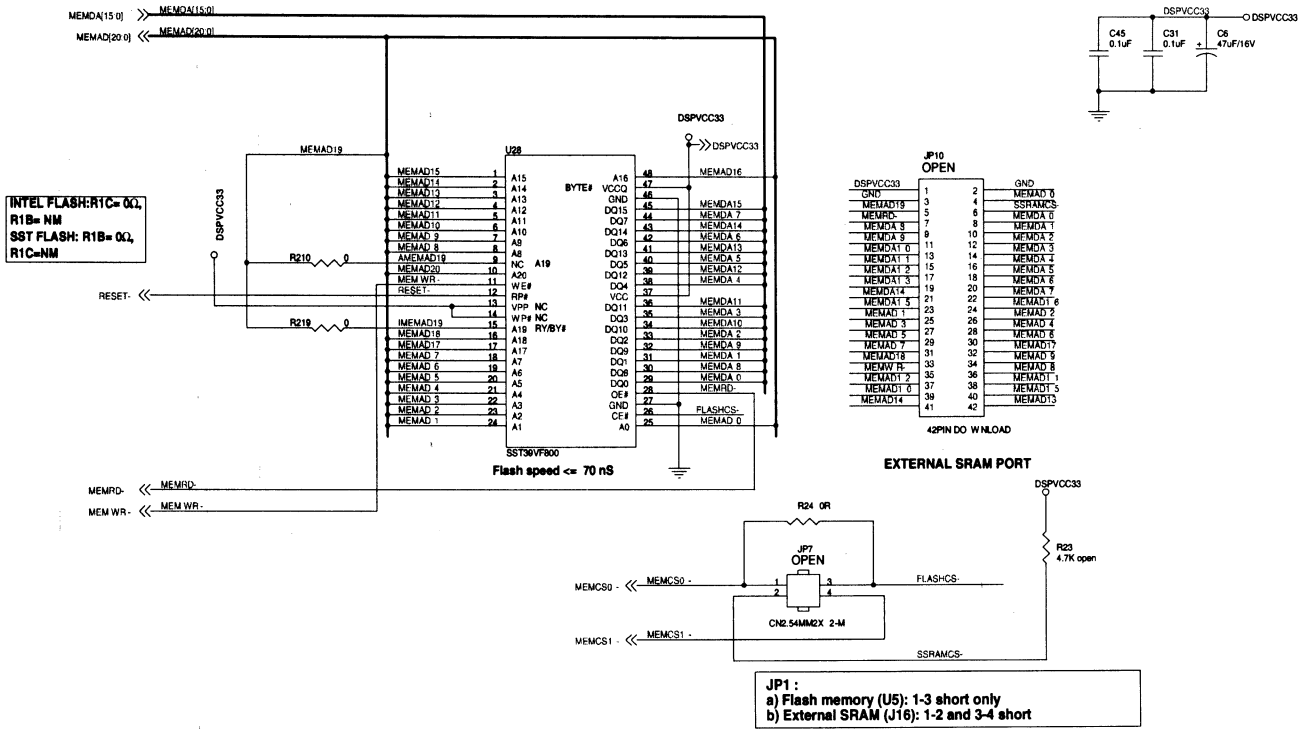
AV BOARD I/F

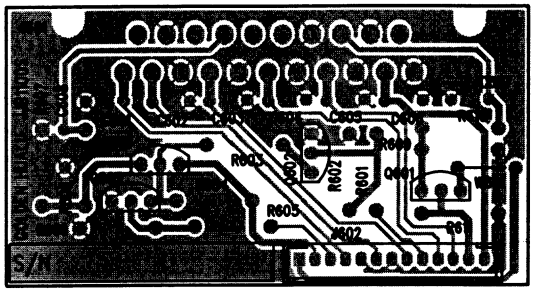


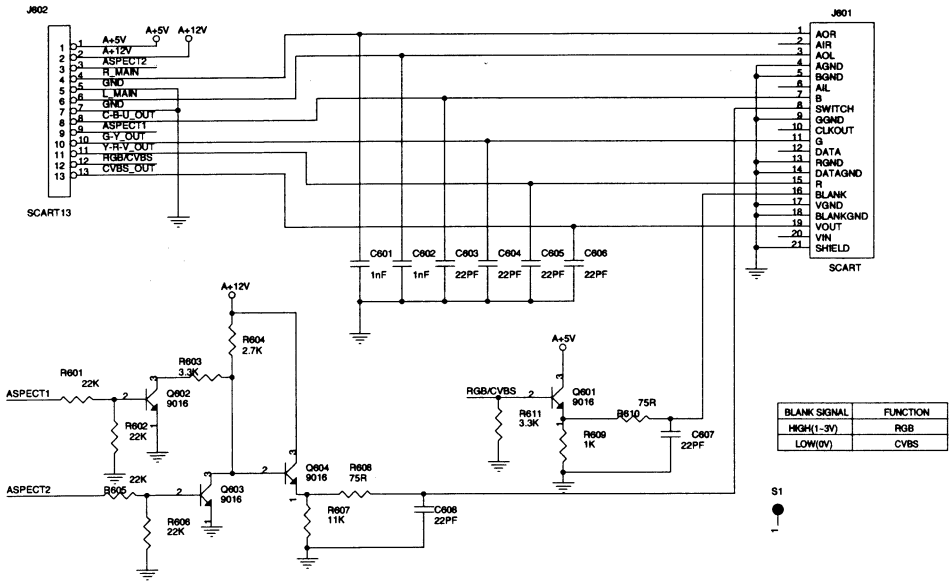






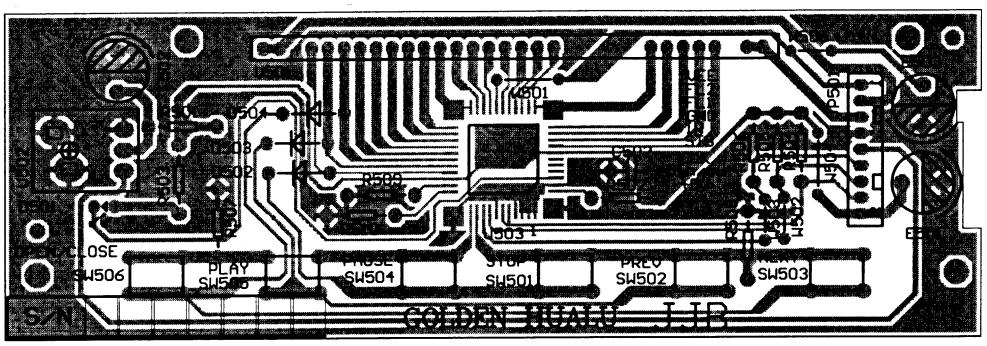

MEMDA[15:0]
MEMAD[20:0]
DSPVCC33
C45 0.1uF
C31 0.1uF
C6 47uF/16V
U28
MEMAD19
R210 0
R219 0
RESET-
INTEL FLASH:R1C= 0Ω, R1B= NM
SST FLASH: R1B= 0Ω, R1C=NM
SST39VF800
Flash speed <= 70 nS
JP10
OPEN
42PIN DO W NLOAD
EXTERNAL SRAM PORT
MEMRD-
MEM WR-
R24 0R
JP7
OPEN
CN2.54MM2X 2-M
MEMCS0 -
MEMCS1 -
FLASHCS-
SSRAMCS-
R23 4.7K open
JP1 :
a) Flash memory (U5): 1-3 short only
b) External SRAM (J16): 1-2 and 3-4 short

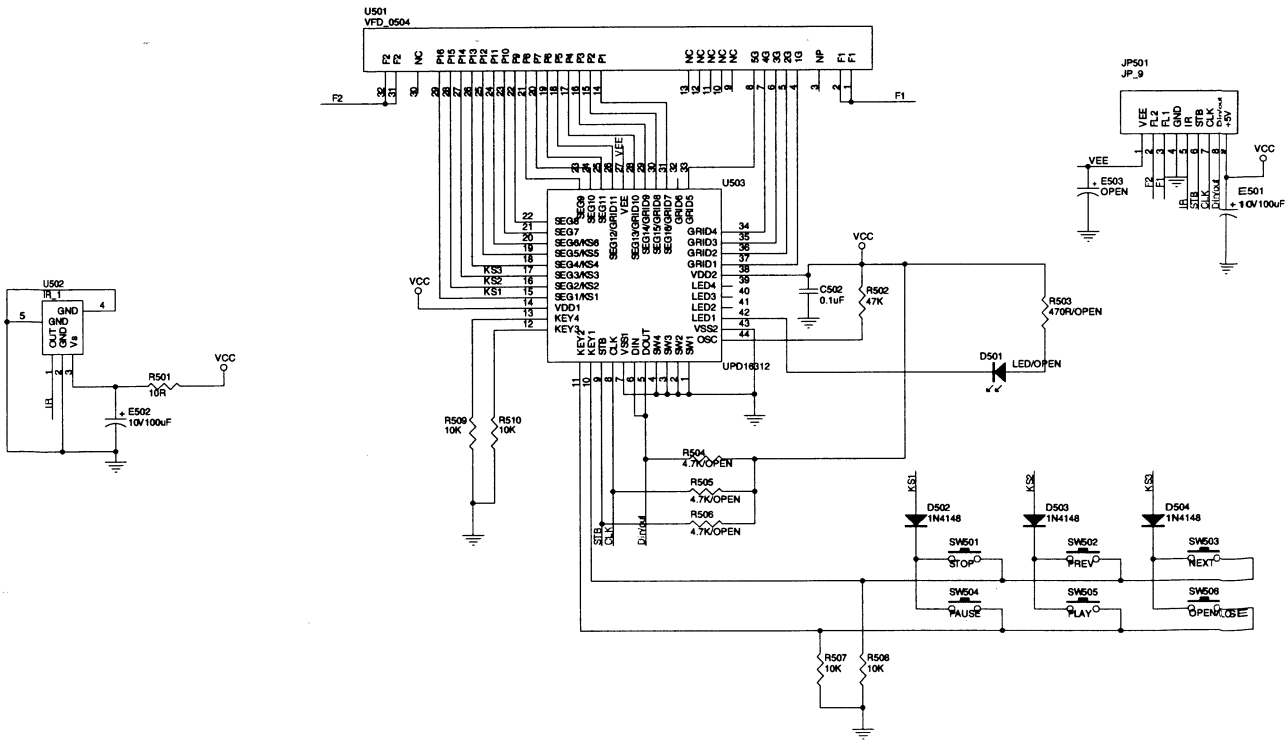




BLANK SIGNAL	FUNCTION
HIGH(1-3V)	RGB
LOW(0V)	CVBS

ASPECT2,1	SWITCH VOLTAGE	FUNCTION
LOW, LOW	-11V	4:3
LOW, HIGH	-6V	16:9
HIGH, LOW	-0V	TV
HIGH, HIGH	-0V	TV


SW506
PLAY
SW505
SW501
SW501
SW502
SW503
GOLDEN HUALU


U501
VFD_0504
U503
UPD16312
U502
IR_1
JP501
JP_9
VCC
VEE
R501
10R
E502
10V/100uF
R509
10K
R510
10K
R504
4.7K/OPEN
R505
4.7K/OPEN
R506
4.7K/OPEN
C502
0.1uF
R502
47K
R503
470R/OPEN
D501
LED/OPEN
E503
OPEN
E501
10V/100uF
D502
1N4148
D503
1N4148
D504
1N4148
SW501
STOP
SW502
PREV
SW503
NEXT
SW504
PAUSE
SW505
PLAY
SW506
OPEN/CLOSE
R507
10K
R508
10K

GRUNDIG

Ersatzteilliste
Spare Parts List

DVD

11 / 2003

GDP 1100/1
GDP 1100/2

MATERIAL-NR. / PART NO.: 774010605100 BESTELL-NR. / ORDER NO.: GMK2100
MATERIAL-NR. / PART NO.: 774010604100 BESTELL-NR. / ORDER NO.: GMK2300

POS. NR. ABB. POS. NO. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
	774010605100		GDP 1100/1	GDP 1100/1
	774010645100		GDP 1100/2	GDP 1100/2
	774010605100		GDP 1100/1 /2 **TAUSCHGERAET**	GDP 1100/1 / 2 **EXCHANGE SET**
0003.000	720117133300		FERNBEDIENUNG TP 85 D	REMOTE CONTROL TP 85 D
	720116033000		BEDPIENUNGSANLEITUNG GDP1100/1, D	INSTRUCTION MANUALGDP1100/1, D
	720116033100		BEDPIENUNGSANLEITUNG GDP1100/1, I	INSTRUCTION MANUAL GDP1100/1, I
	720116033200		BEDPIENUNGSANLEITUNG GDP1100/1, F	INSTRUCTION MANUAL GDP1100/1, F
	720116033300		BEDPIENUNGSANLEITUNG GDP1100/1, NL	INSTRUCTION MANUAL GDP1100/1, NL
	720116033400		BEDPIENUNGSANLEITUNG GDP1100/1, PL	INSTRUCTION MANUAL GDP1100/1, PL
	720116033500		BEDPIENUNGSANLEITUNG GDP1100/2, GB	INSTRUCTION MANUAL GDP1100/2, GB
	720116033600		BEDPIENUNGSANLEITUNG GDP1100/2, DK	INSTRUCTION MANUAL GDP1100/2, DK
	720116033700		BEDPIENUNGSANLEITUNG GDP1100/2, S	INSTRUCTION MANUAL GDP1100/2, S

HINWEIS !

IM DEFEKTFALL SENDEN SIE BITTE
IHR GERAET ZUR EINZELREPARATUR
AN FOLGENDE ADRESSE:
GRUNDIG AG
KD SUED
BEUTHENERSTR. 65
D-90471 NUERNBERG

NOTE !

IN CASE OF DEFECT PLEASE SEND
YOUR SET FOR REPAIR TO THE
FOLLOWING ADDRESS:
GRUNDIG AG
KD SUED
BEUTHENERSTR. 65
D-90471 NUERNBERG

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION